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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

VU, THONG H

ART UNIT PAPER NUMBER

2142

DATE MAILED: 02/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/939,247

Applicant(s)

KAMEL, IBRAHIM M.

Examiner

Thong H. Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

1. Claims 1-26 are pending.

Response to Arguments

2. Applicant's arguments with respect to claims 1-26 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 101

3. the disclosed invention is inoperative and therefore lacks utility. It was undue experiment when the invention claimed both a single connection communication link and a dual connection communications link for FTP.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Ferreria et al [Ferreria, 6,857,009 B1].

4. As per claim 1, Ferreria discloses A method for transferring files between a residential electronics device and a remote server [Ferreria, remote server, col 1 lines 50-65], the method comprising the steps of:

establishing a proxy session with a file transfer protocol (FTP) client of the electronics device over a single connection communications link [Ferreria, a proxy server for FTP, Fig 1, col 5 lines 55-col 6 line 13; a single connection, col 15 line 51];

mapping messages between the FTP session and the proxy session such that the messages are transferred between the electronics device and the remote server [Ferreria, map or translate, col 6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34].

5. As per claim 2, Ferreria discloses defining a proxy messaging structure for the proxy session; converting incoming FTP messages received from the FTP server into outgoing proxy messages having the proxy messaging structure; and converting incoming proxy messages received from the FTP client into outgoing FTP messages, wherein the incoming proxy messages have the proxy messaging structure as inherent feature of translating FTP message [Ferreria, map or translate, col 6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34]

6. As per claim 3 Ferreria discloses defining a shared messaging structure for the proxy session such that each proxy message includes a shared message having a control field and a data field; said control field containing control content for a corresponding FTP message; said data field containing data content for the corresponding FTP message as inherent feature of translating FTP message [Ferreria,

map or translate, col 6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34].

7. As per claim 4 Ferreria discloses defining the control field as being a message **header** of the shared message [Ferreria, header col 15 lines 59].

8. As per claim 5 Ferreria discloses defining the data field as being a message body of the shared message [Ferreria, header col 15 lines 59].

9. As per claim 6 Ferreria discloses defining the data field of the shared message to be empty when there is no data content for the corresponding FTP message as inherent feature of translating FTP message [Ferreria, map or translate, col 6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34].

10. As per claim 7 Ferreria discloses defining a dedicated messaging structure for the proxy session such that each FTP message maps to a dedicated control message as inherent feature of mapping FTP message [Ferreria, map or translate, col 6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34].

11. As per claim 8 Ferreria discloses mapping the FTP message to a dedicated data message such that the dedicated data message contains data content for the FTP message as inherent feature of translating FTP message [Ferreria, map or translate, col

6 lines 14-33; FTP and proxy with concurrent sessions, Fig 21 line 54-col 21 line 34].

12. As per claim 9 Ferreria discloses defining a hypertext transfer protocol (HTTP) messaging structure for the proxy session such that each FTP message maps to an HTTP message [Ferreria, HTTP and FTP, col 6 line 1-13].

13. As per claim 10 Ferreria discloses registering a web proxy functional component module (FCM) with a home network including the FTP client as inherent feature of FTP proxy.

14. As per claim 11 Ferreria discloses receiving a network query for the web proxy FCM from the FTP client; and activating a web agent for the FTP client [Ferreria, web browser, col 14 lines 43-67, Fig 13].

15. As per claim 12 Ferreria discloses establishing a control connection between the web proxy FCM and the remote server; establishing a data connection between the web proxy and the remote server; and said web proxy being remotely located from the electronics device [Ferreria, Proxy server over Internet, Fig 3].

16. Claims 13 and 20 contain the similar limitations set forth in claim 1. Therefore claims 13 and 20 are rejection for the same rationale set forth in claim 1.

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17. Claims 14-19 contain the similar limitations set forth in claims 3-5,7-9. Therefore claims 14-19 are rejection for the same rationale set forth in claims 3-5,7-9.

18. As per claim 21 Ferreria discloses the web proxy FCM includes: a lookup table containing a table of active web agents; a server module for maintaining the lookup table; and a helper module using the lookup table to generate responses to messages received from the proxy session and the FTP session [Ferreria, database, col 15 line 67].

19. As per claim 22 Ferreria discloses the FCM further includes a listening module (i.e.: monitor function), the listening module for receiving messages from the proxy session and the FTP session [Ferreria, monitor, col 8 lines 4-32].

20. As per claim 23 Ferreria discloses the FCM further includes an identification module for allocating and de-allocating client identifiers [Ferreria, filter or proxy, Fig 2].

21. As per claim 24 Ferreria discloses the electronics device is a digital video disk machine [Ferreria, computing device, col 1 lines 34-50].

22. As per claims 25,26 Ferreria discloses the electronics device is a camcorder or a microwave as inherent feature of computing device.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone number is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 6:00AM-3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Andrew Caldwell*, can be reached at (571) 272-3868. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thong Vu
Primary Examiner
Art Unit 2142

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.